

AMENDMENTS TO THE CLAIMS

Prior to the present communication, claims 1-26 were pending in the above-identified application. All claims currently pending and under consideration in the above-identified application are shown below. Claims 13-17 are withdrawn. This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1. (original) A method for initiating the transmission of data, comprising:
establishing a connection from at least one data source to a destination;
generating at least one session to transmit data via the connection from the
at least one data source to the destination;
queuing a set of messages from the at least one session for transmission
over the connection to the destination; and
transmitting messages from the queued set of messages based upon
completion information.
2. (original) A method according to claim 1, wherein the step of establishing
a connection comprises a step of establishing a connection in a pipe.
3. (original) A method according to claim 1, wherein the step of establishing
a connection comprises a step of authenticating at least one of the at least one source and the
destination.
4. (original) A method according to claim 3, wherein the step of
authenticating comprises a step of authenticating both the at least one source and the destination.

5. (original) A method according to claim 1, wherein the step of generating at least one session comprises a step of invoking an application programming interface.

6. (original) A method according to claim 5, wherein the step of invoking an application programming interface comprises a step of receiving a session acceptance from the destination.

7. (original) A method according to claim 1, wherein the step of queuing a set of messages comprises a step of queuing the set of messages in at least one input/output buffer.

8. (original) A method according to claim 1, wherein the message completion information comprises results from a completion port operation of at least one of sending or receiving.

9. (original) A method according to claim 8, further comprising a step of throttling message traffic in the at least one input/output buffer when the completion port is in a non-drained state.

10 (original) A method according to claim 1, wherein the step of transmitting comprises a step of asynchronously transmitting messages from the queued set of messages.

11. (original) A method according to claim 1, wherein the step of transmitting comprises a step of transmitting encrypted messages from the queued set of messages.

12. (original) A method according to claim 1, wherein the step of transmitting comprises a step of transmitting via a transport layer.

13. (withdrawn) A method for receiving a transmission of data in a destination, comprising:

establishing a connection with at least one data source;

accepting at least one session from the least one data source to communicate data via the connection; and

receiving messages from the at least one data source in a destination input/output buffer.

14. (withdrawn) A method according to claim 13, wherein the step of establishing a connection comprises a step of establishing a connection in a pipe.

15. (withdrawn) A method according to claim 13, wherein the step of establishing a connection comprises a step of authenticating the at least one source.

16. (withdrawn) A method according to claim 13, wherein further comprising a step of storing the messages in storage.

17. (withdrawn) A method according to claim 16, wherein the stored messages comprise a data backup of the at least one data source.

18. (original) A transmissible message, the transmissible message being generated according to a method of:

establishing a connection from at least one data source to a destination;

establishing at least one session to transmit data via the connection from the at least one data source to the destination;

queuing at least one message from the at least one session for transmission over the connection to the destination; and

regulating the communication of the at least one queued message based upon completion information.

19. (original) A method according to claim 18, wherein the step of establishing a connection comprises a step of establishing a connection in a pipe.

20. (original) A method according to claim 18, wherein the step of establishing a connection comprises a step of authenticating at least one of the at least one source and the destination.

21. (original) A method according to claim 20, wherein the step of authenticating comprises a step of authenticating both the at least one source and the destination.

22. (original) A method according to claim 18, wherein the step of generating at least one session comprises a step of invoking an application programming interface.

23. (original) A method according to claim 23 wherein the step of invoking an application programming interface comprises a step of receiving a session acceptance from the destination.

24. (original) A method according to claim 18, wherein the step of queuing the at least one message comprises a step of queuing the at least one message in at least one input/output buffer.

25. (original) A method according to claim 18, wherein the message completion information comprises results from a completion port operation of at least one of sending or receiving.

26. (original) A method according to claim 18, wherein the at least one message comprises at least one encrypted message.